PORMATION REPORT DRAMATION SPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Bulgaria		REPORT		25 X 1
SUBJECT	Bridges on the Railroad Line	Sefia-Stalin	DATE DISTR.	12 July 1955	
	RELIFORD DIES		NO. OF PAGES	10	
DATE OF INFO.			REQUIREMENT NO.	RD	25 X 1
PLACE ACQUIRED			REFERENCES		
DATE ACQUIRED		This is UNEVALUATED) Information		
	SOURCE EVALUATION	IS ARE DEFINITIVE. APPRAISA	OF CONTENT IS TE	NTATIVE.	
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- 1. The following is a brief description of the Sofia-Stalin railroad line:
 - a. Route: Sofia Mesdra (Mi3-09, B23-13) Cherven Bryag (Mi3-17, B21-05) Yasen (Mi3-25, E21-32) Pleven Leveki (Mi3-21, E25-09) Gorna
 Oryakhovites Popovo Tear Krum (Mi3-12, E26-51) Kolarovgrad Kaspichan (Mi3-18, E27-11) Sindel (Mi3-07, E27-36) Rasdelna
 (Mi3-10, E27-39) Stalin.
 - b. Total length of route: 580 kilometers
 - c. Travelling time: approximately 13 hours
 - d. Gauge of tracks: 113 centimeters (standard)
 - e. Number of tracks: one
 - f. Mode of locomotion: steam
 - g. Number of bridges: 24

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h. Tunnels: 21 small tunnels, ranging from 100 meters to 1000 meters in length, for a total of 5000 meters.

In 1950, the rails were replaced on the Sofia - Mesdra - Pleven - Levski stretch. A new freight station was constructed recently, in the city of Stalin.

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2. The following is a list of the bridges on the Sofia - Stalin railroad line, and the page of this report on which the description of each bridge can be found

(1)	River	bridge	across	the	Vrabnishk	a Reka	page	2
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- 3. The following is a description of the river bridge across the Vrabnishka Reka:
 - a. Location: 10 kilometers from the main station in Sofia;
 - b. Type of bridge: Steel girder, with a single span of 12 meters;
 - c. Abutments: Stone masonry;
 - d. Length: Approximately lip meters;
 e. Width: Right meters;

 - f. Height above river bed: Three meters;
 - g. Service paths: One on each side, 1.5 meters wide, paved with steel plates;
 - h. Side walls: Steal, railing type;
 - i. Capacity: 2500 kilograms per square meter; j. Current: Slow;

 - k. High water level: 1.50 to 1.80 meters;
 - 1. Low water level: 50 to 60 centimeters; and
 - m. Slope of river banks: 40 degrees.
- The following is a description of the river bridge (No.2) across the Iskur:
 - a. Location: 300 meters south of the Vlado Trichkov station and 17,500 meters from Sofia Main Station;
 - b. Type: Steel girder, five-span, each 13.5 to 14 meters;
 c. Abutments and piers: Stone masonry;

 - d. Length: Approximately 80 meters;
 - e. Width: Eight meters;

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f.	Height above river bed: 10 to 11 meters;	
g.	Service paths: One on both sides; 1.5 meters wide, paved in wood;	
h.	Side walls: Steel, railing type;	
1.	Capacity: 2500 kilograms per square meter;	
1.	Support: Equalising-bed type;	
k.	Current: Slow:	
1.	High water level: 2-2.5 meters;	
n.	Low water level: 60 centimeters; and	
n.	Slope of river banks: North bank, 60 degrees; south bank, 90 degrees.	
The	following is a description of the river bridge (No.3) across the Iskur:	
1 110	TOTTOWING IS & doborrharon or one saver server	
a.	Location: Three kilometers north of Vlado Trichkov station;	
b.	Type: Steel girder, three-span, 15 meters each;	
c.	Abutments and piers: Stone masonry;	
d.	Length: 50 to 52 meters;	
••	Width: Right meters;	
	Height above river bed: Seven to eight meters; Service paths: One on both sides; each 1.5 meters wide, with wooden flooring;	
g.	Side walls: Steel, railing type;	
h.	Capacity: 2500 kilograms per square meter;	
1.	Supports Equalizing-bed type;	
k.	Current: Slow;	
1.	High water level: 2-2.5 meters;	
m.	Low water level: 80 centimeters; and	
n_{ullet}	Slope of river banks: 90 degrees.	
The	following is a description of the river bridge (No. 4) across the Iskur:	
1110	TOTTOWING ID & CONCLEPATOR OF AND INCOME OF AND	
a.	Location: 3.3 kilometers north of Vlaco Trichkov station;	
b.	Type: Steel girder, with three spans, 13 to 15 meters each;	
	Abutments and piers: Stone masonry;	
	Length: 47 to 50 meters;	
е.	Width: Eight meters; Height above river bed: Mine meters;	
I.	Service paths: One on both sides; each 1.5 meters wide, with wooden flooring;	
ĕ∙ h.	Side walls: Steel, railing type;	
1.	Capacity: 2500 kilograms per square meter;	
j.	Support: Equalising-bed type;	
k.	High water level: 2.5 meters;	
1.	Low water level: 80 centimeters; and	
m.	Slope of river banks: 85 degrees.	
- 1	following is a description of the river bridge (No.5) across the Iskur:	
The	10110wing is a description of the liver bridge (nosy) decrease the land.	
a.	Location: 3.9 kilometers north of Vlado Trichkov station;	
b.	Type: Steel girder, with three spans of 15 meters each;	
c.	Abutments and piers: Stone masonry;	
d.	Length: 52 meters;	
е.	Width: Eight meters;	
f.	Height above river bed: Right to mine meters; Service paths: One on both sides; each 1.5 meters wide, with wooden flooring;	
g.	Side walls: Steel, railing type;	
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i.		rams per square meter;		
j.	Support: Equalizing-	bed type;		
	Current: Slow; High water level: 2.	5 to 2.8 meters:		
	Low water level: 80			
	Slope of river banks:			
			W. () Aba #-1	
The	following is a descri	ption of the river bridge (Mo.O) across the lakur:	
a,	Location: One kilome	ter north of Tompsin static	n;	
b.	Type: Steel girder,	with two spans of 24 meters	each;	
C.		on either side) continuous		
		understays of multiple tre	stle type;	
d.	Abutments and piers:			
	Length: Approximatel			
	Width: Eight meters;			
g.	Height above river be			
h.		n both sides; each 1.5 mete	rs wide, with steel plate	
	floor			
i.	Capacity: 2500 kilog	rams per square meter;		
j۰	Support: Equalizing-	bed type;		
k.	Current: Swift; High water mark: 2.5	to three meters.		
	Low water mark: 80 c			
m. n.	Slope of river banks:			
110	Clope of liver builds.	oy augitous.	•	
The	following is a descri	ption of the river bridge (No.7) across the Iskrets:	
a.	Tanations 1:00 materia	nameh of Grane Bod I wood Co	244	
		north of Svoge Railroad St with a single span of 30 me		
b. C.	Abutments and piers:		oors;	
d.	Length: Approximatel			
-	Width: Eight meters:	y)) mas (618,		
	Height above river be	d. 15 meters.		
g.			rs wide, with wooden flooring;	,
h.	Side walls: Steel, r		,	,
		rams per square meter;		
	Current: Swift;	per equate movel,		
	High water mark: 1.5	meters:		
	Low water mark: 30 t			
	Slope of river banks:			
	-	_		
The	following is a descri	ption of the river bridge (No.8) across the Bovska Reka:	
	Togetion: 50 meters	mouth of the Row Peilmond S	tation (approximately 10 kilo-	
۵,		th of Svoge):	cation (approximately 10 kilo-	•
b.		with a single span of 28 to	30 metere.	
c.	Abutments and piers:		Jo moderb,	
d.	Length: 30 to 32 met	ere.		
θ.	Width: 40 to 45 mete	rs (6 to 7 tracks):		
f.	Height above river be			
g.			rs wide, with wooden flooring;	
	Side walls: Steel, r			
i.		rams per square meter;		
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	4.	Summands Sanatte to the	
	J∙ k∶	Support: Equalising-bed type; Current: Swift:	
		High water mark: unknown;	
	n.	Low water mark: 40 centimeters (approx.); and	
	n.	Slope of river banks: 60 degrees.	
11.		following is a description of the river bridge (No.9) across the Iskur:	
		Location: 800 meters from Eliseyna Station (which is situated approximately 4500 meters east of Zverino, in the direction of Svoge):	
	b.	Type: Steel girder, with two spans of 20 meters each:	
	C.	Abutments and piers: Stone masonry;	
		Length: Approximately 45 meters;	
	6.	Width: Right meters;	
		Height above river bed: Right meters;	
	g. h.	Service paths: One on both sides; each 1.5 meters wide, with wooden flooring; Capacity: 2500 kilograms per square meter;	
	1.	Current: Slow:	
	1.	High water mark: Two meters;	
	k.	Low water mark: 60 centimeters; and	
	1.	Slope of river bank: 60 degrees.	
L2.	The .	Pall and made and account of the same and th	
	Reka	following is a description of the river bridge (No.10) across the Elisenska	
	a.	Location: 400 meters from Eliseyna Station (which is situated 4500 meters east of Zverino, in the direction of Megdra);	
	b.	Type: Steel girder, with two spans of 15 meters each;	
	c.	Abutments and piers: Stone masonry;	
	d.	Length: Approximately 35 meters;	
	е.	Width: Right meters;	
	f.	Height above water: Eight meters:	
	g.	Service paths: One on both sides: each 1.5 meters wide, with wooden floowing.	
	n_{\bullet}	Side walls: Steel, railing type:	
	i.	Capacity: 2500 kilograms per square meter;	
	j.	Support: Equalizing-bed type;	
	k.	Current: Slow;	
	T.	High water mark: unknown;	
	m.	Low water mark: 50 to 60 centimeters; and	
	n.	Slope of river bank: 60 to 65 degrees.	
3.	The Reka	following is a description of the river bridge (No.11) across the Lyutibrodska	
		Location: 300 meters west of Lyutibrot Station (which is situated approximately 7.5 kilometers west of Hesdra);	7
	b.	Type: Steel girder, with two spans of 12 maters each.	
	C.	Abutments and piers: Stone masonry:	
	d.	Length: Approximately 30 meters:	
	е.	Width: Eight meters;	
	r.	Height above river bed: Four meters;	
	g.	Service paths: One on both sides; each 1.5 meters wide, with wooden flooring;	
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h.	Side walls: Steel, railing type;	
L.	Capacity: 2500 kilograms per square meter;	
j.	Support: Equalising-bed type;	
C•	Current: Slow;	
-	High water mark: Two meters;	
	Low water mark: 15 to 20 centimeters; and	
1 •	Slope of river banks: 50 degrees.	
(he	following is a description of the river bridge (No.12) across the Iskur:	
	Location: 10 to 11 kilometers from Mesdra;	
	Type: Steel girder, with three spans of 20 meters each;	
	Abutments and piers: Stone masonry;	
	Length: Approximately 70 meters;	
	Width: Eight meters;	
-	Height above river bed: 10 meters;	
	Side walls: Steel, railing type;	_
	Service paths: One on each side, each 1.5 meters wide, with wooden flooring Capacity: 2500 kilograms per square meter:	š
-	Support: Equalizing-bed type:	
	Current: Swift;	
	High water mark: unknown;	
	Low water mark: unknown; and	
-	Slope of river banks: 60 degrees.	
'he	following is a description of the river bridge (No.13) across the Iskur:	
٠ <u>.</u>	Location: Approximately 800 meters east of Roman Railroad Station;	
	Type: Steel girder, with three spans of 20 meters each;	
	Abutments and piers: Stone masonry;	
	Length: Approximately 75 meters;	
	Width: Eight meters;	
	Height above river bed: 10 meters;	
	Side walls: One on each side; each 1.5 meters wide, with wooden flooring;	
	Capacity: 2500 kilograms per square meter;	
	Support: Equalising-bed type;	
	Mined: unknown;	
-	Current: Swift;	
_	High water mark: unknown; Low water mark: unknown; and	
	Slope of river banks: 70 to 80 degrees.	
he	following is a description of the river bridge (No.lk) across the Iskur:	
l.	Location: 16 kilometers south of Cherven Bryag Railroad Station, between	
	Chirepic and Karlukovo;	
) e	Type: Steel girder, with two spans of 20 meters each;	
	Abutments and piers: Stone masonry;	
	Length: Approximately 50 meters;	
	Width: Eight meters;	
•	Height above river bed: 10 meters; Side walls: Steel, railing type;	
_	Side Walls: Steel. Palling type!	
3• 1•	Service paths: One on each side; each 1.5 meters wide, with wooden flooring;	_

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Current: Slow;

k. Current: Slow;

Current: Slow;

n. Slope of river banks: 50 to 60 degrees.

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S-E-C-R-E-T 25X1 - 7 i. Capacity: 2500 kilograms per square meter; Support: Equalizing-bed type; Current: Medium; and Slope of river banks: Right bank, 85 degrees; left bank, 50 degrees. The following is a description of the river bridge (No.15) across the Vit: a. Location: Four kilometers east of the Yasen Railroad Station, and immediately west of a tunnel; b. Type: Steel girder, with three spans of 10 meters each; c. Abutments and piers: Stone masonry; d. Length: 60 to 62 meters; Width: Eight meters; Height above river bed: Six meters; Side walls: Steel, railing type; Service paths: One on each side; each 1.5 meters wide, with wooden flooring; Capacity: 2500 kilograms per square meter; Support: Equalising-bed type; High water mark: Three meters; Low water mark: One meter; and n. Slope of river banks: 60 degrees. The following is a description of the river bridge (No.16) across the Osum: a. Location: Three kilometers east of the Levski station; b. Type: Steel girder, with three spans of 18 meters each; c. Abutments and piers: Stone masonry; Length: Approximately 65 meters; Width: Eight meters; Height above river bed: Six to seven meters; Side walls: Steel, railing type; Service paths: One on each side; each 1.5 meters wide, with wooden flooring; i. Capacity: 2500 kilograms per square meter; j. Support: Equalizing-bed type; 1. High water mark: Three meters: m. Low water mark: One meter; and Slope of river banks: 50 to 60 degrees. The following is a description of the river bridge (No.17) across the Rositsa: a. Location: Two kilometers west of the Mikhaltsi Railroad Station; Type: Steel girder, with two spans of 15 meters each; c. Abutments and piers: Stone masonry; d. Length: Approximately 30 meters; Width: Eight meters; Height above river bed: Six to seven meters; Side walls: Steel, railing type; Service paths: One on each side; each 1.5 meters wide, with wooden flooring; Capacity: 2500 kilograms per square meter; Support: Equalizing-bed type; 1. High water mark: unknown; m. Low water mark: unknown; and

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20.	the river bridge (No.18) across the Opaka;	
	a. Location: Seven kilometers east of the Popovo Railroad Station; b. Type: Steel girder, with two spans of 15 meters each; c. Ebutments and piers: Stone masonry; d. Length: 40 meters; e. Width: Eight meters; f. Height above river bed: Seven meters; g. Side walls: Steel, railing type; h. Service paths: One on each side; each 1.5 meters wide, with wooden flooring; j. Support: Equalizing-bed type; k. Current: Swift; l. High water mark: unknown; m. Low water mark: 40 centimeters; and n. Slope of river banks: 50 to 60 degrees.	ı
21.	The following is a description of the bridge (No.19) across a stream (name unknown):	
	a. Location: Five kilometers east of the Türgovishte Station; b. Type: Steel girder, with two spans of 14 meters each; c. Abutments and piers: Stone masonry; d. Length: Approximately 25 meters; e. Width: Eight meters; f. Height above river bank: Five meters; g. Side walls: Steel, railing type; h. Service paths: One on each side; each 1.5 meters wide, with wooden flooring; i. Capacity: 2500 kilograms per square meter; j. Support: Equalizing-bed type; k. Current: Slow; l. High water mark: 1.5 to two meters; m. Low water mark: 50 centimeters; and n. Slope of river banks: 60 degrees.	
22.	The following is a description of the bridge (No.20) across a stream (name unknown): a. Location: Five kilometers east of Kolarovgrad Railroad Station; b. Type: Steel girder, with three spans of 15 meters each; c. Abutments and piers: Stone masonry; d. Length: Approximately 55 meters; e. Width: Eight meters; f. Height above river bed: Mine meters; g. Side walls: Steel, railing type; h. Service paths: One on each side; each 1.5 meters wide, with wooden flooring; i. Support: Equalizing-bed type:	
	i. Support: Equalizing-bed type; j. Current: Slow; k. High water mark: Two meters; l. Low water mark: 30 centimeters; and m. Slope of river banks: 60 degrees.	25 X 1
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The unk	following is a description of the bridge (No.21) across a stream (name nown):
•	Location: 1.3 kilometers west of the Kaspichan Railroad Station;
a. h.	Type: Steel girder, single-span of 22 meters;
C.	Abutments and piers: Stone masonry;
d.	Length: Approximately 24 meters;
Θ.	Width: Eight meters;
f.	Height above river bed: Six meters;
g.	Side walls: Steel, railing type;
h.	Service paths: One on each side; each 1.5 meters wide, with wooden flooring;
i.	Capacity: 2500 kilograms per square meter;
J•	Support: Equalizing-bed type;
	Current: Swift;
	High water mark: Two meters; Low water mark: 30 centimeters; and
n.	an a describer to domeson
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	following is a description of the bridge (No.22) across a stream (name nown):
a.	Location: One kilometer north of the Provadiya Railroad Station;
b.	Type: Steel girder, single-span of 15 meters;
c.	Abutments and piers: Stone masonry;
d.	Length: Approximately 18 meters;
е.	Width: Eight meters;
	Height above river bed: 12 meters;
g	and the second second and the second of the second
h.	Capacity: 2500 kilograms per square meter;
i	Support: Equalizing-bed type;
k.	Current: Slow;
1.	High water mark: 1.2 to 1.5 meters;
m.	Low water mark: 50 centimeters; and
n_{ullet}	Slope of river banks: 50 degrees.
The	following is a description of the river bridge (No.23) across the Ana Dere:
a.	Location: 300 to 400 meters south of the Sindel Railroad Station;
b.	Type: Steel girder, single-span;
C.	Abutments and piers: Stone masonry;
	Length: 22 meters;
_	Width: Eight meters;
f.	Height above river bed: Eight meters; Side walls: Steel, railing type;
g.	Service paths: One on each side; each 1.5 meters wide, with wooden flooring;
h.	Capacity: 2500 kilograms per square meter;
j.	Support: Equalizing-bed type;
	Current: Very slow;
	High water mark: 2,5 to three meters;
	Low water mark: One meter; and
m.	Slope of river banks: 50 to 60 degrees.

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a. Locat: b. Type: c. Abutm d. Lengt: e. Width f. Heigh g. Side: i. Capac: i. Capac: j. Suppo k. Curre: l. High m. Low w	following is a description of the river bridge (No.2h) across the Devnya: Location: 800 meters east of the B elovo Railroad Station; Type: Steel girder, with four spans of 18-20 meters each; Abutments and piers: Stone masonry; Length: Approximately 100 meters; Width: Right meters; Height above river bed: Seven to nine meters; Side walls: Steel, railing type; Service paths: One on each side; each 1.5 meters wide, with wooden flooring; Capacity: 2500 kilograms per square meter; Support: Equalising-bed type; Current: Slow; High water level: Two meters; Low water level: One meter; and Slope of river banks: 50 degrees.				3
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